

10-23-03

Express Mail Label No.: EL 862267535 US
Date of Deposit: October 22, 2003

Attorney Docket No.: 15966-609 DIV



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Burgess, *et al.*
SERIAL NUMBER : 10/602,346 EXAMINER : Not yet assigned
FILING DATE : June 23, 2003 ART UNIT : Not yet assigned
FOR : NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING THE SAME

Mail Stop IDS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

1. Information Disclosure Statement (1 page), in duplicate;
2. Modified Form 1449/PTO (2 pages), in duplicate; and
3. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311, Ref. No. 15966-609 DIV.

A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

for Janine M. Susan, Reg. No. 46,119
for R. Elrifi, Reg. No. 39,529
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Dated: October 22, 2003

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INFORMATION DISCLOSURE STATEMENT

Applicants hereby make of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is believed required. Copies of the references are not provided as they were previously cited and submitted to the USPTO in a prior application, Serial No. 09/730,617, filed December 5, 2000, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications). Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311 Reference No. 15966-609 DIV.

Respectfully submitted,

for Janine M. Susan, Reg. No. 46,119
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Dated: October 22, 2003

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PTO/SB (12-97)

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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Applicati n Number	10/602,346
	Filing Date	June 23, 2003
	First Named Inventor	Burgess, et al.
	Group Art Unit	Not yet assigned
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	15966-609 DIV

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Becky Kelly, E. A. et al. 2000. "Inhaled budesonide decreases airway inflammatory response to allergen." <u>Am J Respir Crit Care Med</u> 162(3 Pt 1): 883-90.
	C2	Chang, et al. 1988. "Primary structures of carp Gonadotropin subunits deduced from cDNA nucleotide sequences." <u>Int. J. Pept. Protein Res.</u> 32 (6): 556-564.
	C3	Chang, et al. 1986. GenBank Accession Number: P01235
	C4	Dhar, A.K. et al. 1998. "Equus caballus interleukin-1 receptor antagonist secretory form (IL-1ra) gene, partial cds." Database EMBL Accession number AF072476 , October 2, 1998.
	C5	Eisenberg, S.P. et al. 1991. "Interleukin-1 Receptor Antagonist is a Member of the Interleukin-1 Gene Family: Evolution of a Cytokine Control Mechanism." <u>Proc. Natl. Acad. Sci., USA</u> 88: 5232-5236.
	C6	Hasday, J. D. et al. 2000. "Anti-inflammatory effects of zileuton in a subpopulation of allergic asthmatics." <u>Am J Respir Crit Care Med</u> 161(4 Pt 1): 1229-36.
	C7	Hu, R. et al. 1999. "Homo sapiens chromosome 22q1 clone b444p24, complete sequences." Database EMBL Accession number: AC007663 , May 28, 1999.
	C8	Krane, et al., 1988. "Molecular cloning of cDNAs encoding the human bombesin-like peptide neuromedin B. Chromosomal localization and comparison to cDNAs encoding its amphibian homolog ranatensin." <u>J. Biol. Chem.</u> 263 (26): 13317-13323.
	C9	Krane, I.M. et al. 1989. EMBL Accession number: P08949 .
	C10	Krane, et al. 1989. "Human neuromedin B mRNA, complete cds." Database EMBL Accession number: M21551 , April 22, 1989.
	C11	Kumar, et al., 2000. GenBank Accession Number: Q9NZH7
	C12	Kumar, et al., 2000. GenBank Accession Number: Q9NZH8

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C13	Kumar, S., P. C. McDonnell, et al. 2000. "Identification and initial characterization of four novel members of the interleukin-1 family." <u>J Biol Chem</u> 275(14): 10308-14.
	C14	Matsushime, H. et al. 1991. "Cloning and Expression of Murine Interleukin-1 Receptor Antagonist in Macrophages Stimulated by Colony-Stimulating Factor 1." <u>Blood</u> 78(3): 616-623.
	C15	Mulero, J. et al. 1999. "IL1HY1: A Novel Interleukin-1 Receptor Antagonist Gene." <u>Biochem. and Biophys. Res. Comm.</u> 263: 702-706.
	C16	Mulero, J. et al. 2000. "Organization of the Human Interleukin-1 Receptor Antagonist Gene IL1HY1." <u>Immunogenetics</u> 51: 425-428.
	C17	Shuck, M. et al. 1991. "Cloning, Heterologous Expression and Characterization of Murine Interleukin-1 Receptor Antagonist Protein." <u>Eur. J. Immunol.</u> 21: 2775-2780.
	C18	Smith, D. et al. 2000. "Four New Members Expand the Interleukin-1 Superfamily." <u>J. Bio. Chem.</u> 275(2): 1169-1175.
	C19	Smith, et al., 2000. GenBank Accession Number: Q9UBH0
	C20	Smith, et al., 2000. GenBank Accession Number: Q9UHA5
	C21	Teran, L. M. et al. 1997. "Identification of neutrophil chemotactic factors in bronchoalveolar lavage fluid of asthmatic patients." <u>Clin Exp Allergy</u> 27(4): 396-405.
	C22	Trofatter, J.A. et al. 1995. "CHR220663 Chromosome 22 exon Homo sapiens genomic clone C22_916 5', mRNA sequence." Database EMBL Accession number: H55724 , December 8, 1995.
	C23	Trofatter, J.A. et al. 1995. "An Expression-independent Catalog of Genes from Human Chromosome 22." <u>Genome Research</u> 5(3): 214-224.
	C24	Xia, J.H. et al. 1998. "Atrophin-1 like protein." Database Swall Accession number: 075359 , November 1, 1998.
	C25	Yadatie, F. et al. 1999. "Salmo salar gonadotropin II beta subunit mRNA, partial cds." Database EMBL Accession number: AF146151 , June 3, 1999.
	C26	Yin, J. and M.P. Murtaugh, 1996. "Sus scrofa (clone p0328w) IRAP1 mRNA, complete cds." Database EMBL Accession number: L38849 , May 13, 1996.
	C27	Zahedi, K. et al. 1991. GenBank Accession Number: P25085
	C28	Zahedi, K. et al. 1991. "Mouse IL-1 receptor antagonist protein. Molecular characterization, gene mapping, and expression of mRNA in vitro and in vivo." <u>J. Immunol.</u> 146 (12): 4228-4233.
	C29	Zahedi, K. et al. 1994. "The Mouse Interleukin-1 Receptor Antagonist Protein: Gene Structure and Regulation in vitro." <u>Cytokine</u> 6(1): 1-9.
	C30	Partial International Search Report filed for PCT/US00/33029 on August 9, 2001.

Copies of the cited references are not provided as they were previously cited and submitted to the office in a prior application, Serial No. 09/730,617, filed December 5, 2000, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.